

Myosin IIa(Phospho-Ser1943) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP03731
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phospho peptide around human Myosin IIa (Ser1943)
Mol wt	N/A
Species reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	Myosin IIa
Synonyms	Myosin IIa ;Ser1943; Myosin-9; Cellular myosin heavy chain; type A; Myosin heavy chain 9; Myosin heavy chain; non-muscle IIa; Non-muscle myosin heavy chain A; NMMHC-A; Non-muscle myosin heavy chain IIa; NMMHC II-a; NMMHC-IIA

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

This gene encodes a conventional non-muscle myosin; this protein should not be confused with the unconventional myosin-9a or 9b (MYO9A or MYO9B). The encoded protein is a myosin IIA heavy chain that contains an IQ domain and a myosin head-like domain which is involved in several important functions including cytokinesis, cell motility and maintenance of cell shape. Defects in this gene have been associated with non-syndromic sensorineural deafness autosomal dominant type 17, Epstein syndrome, Alport syndrome with macrothrombocytopenia, Sebastian syndrome, Fechtner syndrome and macrothrombocytopenia with progressive sensorineural deafness.

Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year

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